

Serial No. 10/070,896
Docket No. KEL022PA

Listing of Claims:

Claims 1-163 (canceled)

Claim 164 (currently amended): A cold-storage appliance including:

an open-topped insulating container defining an external surface;

an insulating lid adapted to close the open top of the container;

a cooling means ~~associated with the lid and~~ adapted to cool the interior but not the exterior of the container, said cooling means introducing cooling by way of said insulating lid; and

a structure supporting the container, the lid and the cooling means;

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 165 (previously presented): The appliance of claim 164, wherein said movement includes a major generally horizontal component of movement provided by means running along at least one generally horizontal track.

Claim 166 (previously presented): The appliance of Claim 165, wherein the track includes at least one rail.

Claim 167 (previously presented): The appliance of Claim 166, wherein the or each rail is telescopic.

Claim 168 (previously presented): The appliance of Claim 165, wherein the track is exposed to ambient air.

Serial No. 10/070,896
Docket No. KEL022PA

Claim 169 (previously presented): The appliance of Claim 164 wherein said container is supported by wheels or rollers running along a generally horizontal support surface and said movement includes a major generally horizontal component.

Claim 170 (previously presented): The appliance of Claim 164, wherein the cooling means is substantially flush with the underside of the lid.

Claim 171 (previously presented): The appliance of Claim 164, wherein the structure is a frame which is adapted to be built-in between cupboards or other structures.

Claim 172 (previously presented): The appliance of Claim 164, wherein the structure defines at least one ambient air circulation channel around the external surface of the closed container.

Claim 173 (previously presented): The appliance of Claim 164, further including a means for drawing in ambient air from the front of the appliance and wherein said structure defines a front panel including at least one opening for admission of ambient air.

Claim 174 (previously presented): The appliance of Claim 164, further including a means for dividing the interior of the container.

Claim 175 (previously presented): The appliance of Claim 164, wherein the cooling means includes an evaporator exposed to the interior of the container when the container is closed.

Serial No. 10/070,896
Docket No. KEL022PA

Claim 176 (previously presented): The appliance of Claim 164, the cooling means includes cold air ducts to feed cold air into the container when the container is closed.

Claim 177 (previously presented): The appliance of Claim 176, wherein the cold air is supplied by a fan coil circuit.

Claim 178 (previously presented): The appliance of Claim 169, wherein the support surface is exposed to ambient air.

Claim 179 (previously presented): The appliance of Claim 164, wherein the cooling means is integral with the lid.

Claim 180 (previously presented): The appliance of Claim 173, wherein the front panel further comprises control and/or display means.

Claim 181 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container;
and
a structure supporting the container, the lid and the cooling means;
wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, said movement including a minor generally vertical component, said mounting permitting said generally vertical movement, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Serial No. 10/070,896
Docket No. KEL022PA

Claim 182 (previously presented): The appliance of Claim 181, wherein the container lifts against the lid upon closing and drops away from the lid upon opening.

Claim 183 (previously presented): The appliance of Claim 181, wherein the track or support surface includes a ramp effecting said vertical component of movement.

Claim 184 (previously presented): The appliance of Claim 181, and including crank means responsive to closing movement of the container to lift the container toward the lid.

Claim 185 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container; and
a structure supporting the container, the lid and the cooling means;
wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid, and wherein closing movement of the container with respect to the structure and the lid wedges together the container and the lid, said wedging being effected by a track or support surface supporting the container that converges with the lid in the closing direction of the container.

Claim 186 (previously presented): The appliance of Claim 185, wherein the lid is received and embraced by a rim portion of the container that squeezes the lid laterally when the container and the lid wedge together.

Serial No. 10/070,896
Docket No. KEL022PA

Claim 187 (previously presented): The appliance of Claim 185, wherein the lid and the rim portion are complementarily tapered.

Claim 188 (previously presented): The appliance of Claim 185, comprising holding means for holding the container wedged against the lid.

Claim 189 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a magnetic, hydraulic, or pneumatic seal that seals the container to the lid when the container is closed;
a cooling means adapted to cool the interior but not the exterior of the container; and
a structure supporting the container, the lid and the cooling means;
wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 190 (previously presented): The appliance of Claim 189, wherein the seal is compressible.

Claim 191 (previously presented): The appliance of Claim 189, wherein the seal is electro-magnetic.

Claim 192 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container; and

Serial No. 10/070,896
Docket No. KEL022PA

a structure supporting the container, the lid and the cooling means;
wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, said opening movement being against the force of gravity, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 193 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container; and
a structure supporting the container, the lid and the cooling means;
wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein substantially all of the external surface of the container is exposed to ambient air when the container is closed by the lid and the appliance is in use.

Claim 194 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container;
a structure supporting the container, the lid and the cooling means; and
a scraper or wiper means associated with the container to remove ice or water from the cooling means upon relative movement between the container and the lid;
wherein the container is mounted to the structure for said movement relative to the structure and the lid to open the container and afford access to its interior or to close

Serial No. 10/070,896
Docket No. KEL022PA

the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 195 (previously presented): The appliance of Claim 194 and including first and second scraper or wiper blades arranged respectively to remove ice or water from the cooling means during opening and closing of the container.

Claim 196 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container; and
a structure supporting the container, the lid and the cooling means;
wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid, and further including a flexible membrane associated with the cooling means and means for locally deforming the membrane to remove ice or water from the membrane upon relative movement between the container and the lid.

Claim 197 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container;
a structure supporting the container, the lid and the cooling means; and
a shut-down means for shutting down the cooling means when the container is not closed;

Serial No. 10/070,896
Docket No. KEL022PA

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 198 (previously presented): The appliance of Claim 197, wherein the shut-down means includes a switch closed by presence of the container.

Claim 199 (previously presented): A cold-storage appliance including:

- an open-topped insulating container defining an external surface;
- an insulating lid adapted to close the open top of the container;
- a cooling means adapted to cool the interior but not the exterior of the container;
- a structure supporting the container, the lid and the cooling means; and
- a retractable screen which is extensible to screen the cooling means when the container is open;

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 200 (previously presented): The appliance of Claim 199, wherein the screen is attached at one end to the structure and at an opposed end to the container or to means associated with the container.

Claim 201 (previously presented): The appliance of Claim 199, wherein the screen is removably attached to the means associated with the container.

Serial No. 10/070,896
Docket No. KEL022PA

Claim 202 (previously presented): The appliance of Claim 201, further including retaining means for retaining the screen in a wholly or partially extended configuration when the screen is detached from the container.

Claim 203 (previously presented): The appliance of Claim 199, wherein the screen is exposed to ambient air when retracted.

Claim 204 (previously presented): The appliance of Claim 199, wherein the screen is furled on a roller when retracted.

Claim 205 (previously presented): The appliance of Claim 199, wherein the screen is heat-reflective.

Claim 206 (previously presented): The appliance of Claim 199, wherein a wiper or scraper is operable during retraction of the screen to remove water or ice from the screen.

Claim 207 (previously presented): The appliance of Claim 199, wherein the screen is biased into a retracted configuration.

Claim 208 (previously presented): The appliance of Claim 164, further including a means for exhausting to the front of the appliance air that has been heated by a heat exchanger.

Claim 209 (previously presented): The appliance of Claim 199, wherein the container is removable from the structure and an auxiliary lid is attachable to the container when so removed, wherein the retractable screen is attached at one end to the structure and at

Serial No. 10/070,896
Docket No. KEL022PA

an opposed end to the container or to a movable cradle adapted to receive the container.

Claim 210 (previously presented): A cold-storage appliance including:

an open-topped insulating container defining an external surface;

an insulating lid adapted to close the open top of the container;

a cooling means adapted to cool the interior but not the exterior of the container;

a structure supporting the container, the lid and the cooling means; and

an impeller for promoting admission and exhaustion of ambient air;

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 211 (previously presented): A cold-storage appliance including:

an open-topped insulating container defining an external surface;

an insulating lid adapted to close the open top of the container;

a cooling means adapted to cool the interior but not the exterior of the container; and

a structure supporting the container, the lid and the cooling means;

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid, wherein said container is removable from the structure and an auxiliary lid is attachable to the container when so removed.

Claim 212 (previously presented): A cold-storage appliance including:

an open-topped insulating container defining an external surface;

Serial No. 10/070,896
Docket No. KEL022PA

an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container;
a structure supporting the container, the lid and the cooling means; and
a means for exhausting ambient air to the front of the appliance;
wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 213 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container; and
a structure supporting the container, the lid and the cooling means;
wherein the container is mounted to the structure such that it can be moved with respect to the structure and the lid in a plurality of different directions to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 214 (previously presented): A cold-storage appliance including:
a plurality of open-topped insulating containers defining an external surface;
an insulating lid associated with each container and adapted to close the open top of said each container;
a cooling means associated with each container and adapted to cool the interior but not the exterior of said each container; and
a structure supporting the containers, the lids and the cooling means;

Serial No. 10/070,896
Docket No. KEL022PA

wherein each container is mounted to the structure for movement relative to the structure and its respective lid to open said each container and afford access to its interior or to close said each container, and wherein at least a majority of the external surface of said each container is exposed to ambient air when it is closed by its respective lid.

Claim 215 (previously presented): The appliance of Claim 214, wherein the respective cooling means are independently controllable.

Claim 216 (previously presented): The appliance of Claim 214, wherein the cooling means are connected to a common refrigerator engine.

Claim 217 (previously presented): The appliance of Claim 214, wherein the containers are stacked one above another.

Claim 218 (previously presented): The appliance of Claim 214, further including means for preventing opening of a container when another container of the plurality is open.

Claim 219 (previously presented): The appliance of Claim 214, wherein the containers are of different interior sizes, shapes or volumes.

Claim 220 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a viewing means to assist a user in viewing the contents of a container;
a cooling means adapted to cool the interior but not the exterior of the container; and
a structure supporting the container, the lid and the cooling means;

Serial No. 10/070,896
Docket No. KEL022PA

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 221 (previously presented): The appliance of Claim 220, wherein a viewing window is provided in the front and/or bottom of a container.

Claim 222 (previously presented): The appliance of Claim 220, and including a viewing mirror positioned above the container to afford a reflected view from above the container into its open top.

Claim 223 (previously presented): The appliance of Claim 222, wherein the mirror is retractable when not in use.

Claim 224 (previously presented): The appliance of Claim 223, wherein the mirror is attached to the container.

Claim 225 (previously presented): The appliance of Claim 223 and having a plurality of containers, wherein the mirror is positioned above the containers to view the contents of any of the containers.

Claim 226 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container;
a defrost tray positionable in the container below the cooling means; and
a structure supporting the container, the lid and the cooling means;

Serial No. 10/070,896
Docket No. KEL022PA

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 227 (previously presented): The appliance of Claim 226, wherein the defrost tray includes a scraper or wiper means to remove ice or water from the cooling means upon relative movement between the container and the lid.

Claim 228 (previously presented): The appliance of Claim 226, wherein the defrost tray includes an absorbent insert.

Claim 229 (previously presented): The appliance of Claim 228, wherein the insert is heatable.

Claim 230 (previously presented): A cold-storage appliance including:
an open-topped insulating container defining an external surface;
an insulating lid adapted to close the open top of the container;
a cooling means adapted to cool the interior but not the exterior of the container, said cooling means being generally inclined or having locally inclined portions to promote drainage of moisture condensed thereon away from the interior of the container; and
a structure supporting the container, the lid and the cooling means;
wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Serial No. 10/070,896
Docket No. KEL022PA

Claim 231 (previously presented): The appliance of Claim 230, wherein the cooling means communicates with ducts in the lid or the container for drainage of moisture away from the cooling means.

Claim 232 (previously presented): A cold-storage appliance embodied in a refrigerated vehicle application, said appliance including:

- an open-topped insulating container defining an external surface;
- an insulating lid adapted to close the open top of the container;
- a cooling means adapted to cool the interior but not the exterior of the container; and
- a structure supporting the container, the lid and the cooling means;

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 233 (previously presented): The appliance of Claim 232, and wherein the application is a vehicle-mountable container.

Claim 234 (currently amended): A cold-storage appliance including:

- an open-topped insulating container defining an external surface;
- an insulating lid adapted to close the open top of the container;
- a cooling means adapted to cool the interior but not the exterior of the container; and
- a structure supporting the container, the lid and the cooling means;

wherein the container is mounted to the structure for movement relative to the structure, relative to the cooling means and relative to the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Serial No. 10/070,896
Docket No. KEL022PA

Claim 235 (previously presented): The appliance of Claim 234, wherein said movement of the container includes a major generally horizontal component of movement provided by means running along at least one generally horizontal track.

Claim 236 (previously presented): The appliance of Claim 234, wherein the container is supported by wheels or rollers running along a generally horizontal support surface.

Claim 237 (previously presented): The appliance of Claim 234, wherein substantially all of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 238 (previously presented): The appliance of Claim 234, wherein the structure is a frame which is adapted to be built-in between cupboards or other structures.

Claim 239 (previously presented): The appliance of Claim 234, further including a means for drawing in ambient air from the front of the appliance and wherein said structure defines a front panel including at least one opening for admission of ambient air.

Claim 240 (previously presented): The appliance of Claim 234, further including a means for dividing the interior of the container.

Claim 241 (previously presented): The appliance of Claim 234, wherein the structure defines at least one ambient air circulation channel around the external surface of the closed container.

Claim 242 (previously presented): The appliance of Claim 234, and including a means for exhausting to the front of the appliance air that has been heated by a heat exchanger.

Serial No. 10/070,896
Docket No. KEL022PA

Claim 243 (previously presented): A cold-storage appliance including:

- an open-topped insulating container defining an external surface;
- an insulating lid adapted to close the open top of the container;
- a cooling means adapted to cool the interior but not the exterior of the container; and
- a structure supporting the container, the lid and the cooling means;

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, said movement including a major generally horizontal component which is effected by opening a door of the appliance, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.

Claim 244 (previously presented): A cold-storage appliance including:

- an open-topped insulating container defining an external surface;
- an insulating lid adapted to close the open top of the container;
- a cooling means adapted to cool the interior but not the exterior of the container;
- a means for drawing in ambient air from the front of the appliance;
- a means for exhausting ambient air to the front of the appliance; and
- a structure supporting the container, the lid and the cooling means, said structure defining a front panel including at least one opening for admission of ambient air;

wherein the container is mounted to the structure for movement relative to the structure and the lid to open the container and afford access to its interior or to close the container, and wherein at least a majority of the external surface of the container is exposed to ambient air when the container is closed by the lid.